

To: Cheryl Moody [cmoody@mtaonline.net]
Cc: []
Bcc: []
From: CN=Phil North/OU=R10/O=USEPA/C=US
Sent: Mon 3/27/2006 5:37:24 PM
Subject: RE: Pebble Wetland Shallow Groundwater Study

Thanks for the update.

Phillip North
Environmental Protection Agency
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Cheryl Moody <cmoody@mtaonline.net>
03/26/2006 10:28 PM
To Phil North/R10/USEPA/US@EPA
cc "Ella Ede @ NDM" <ellae@northerndynasty.com>, "Mike S @ NDM"
<MichaelS@northerndynasty.com>
Subject RE: Pebble Wetland Shallow Groundwater Study

Hi Phil --

I met with Bruce Jenkins in Vancouver last Friday. We are now going to expand our wetland mapping to include a large portion of the upper Talarik watershed this summer, and potentially expand our mapping significantly to the west next summer. Therefore, we're going to hold off on placing any additional monitoring equipment until the project plans are clearer and the mapping process is farther along.

This is primarily my decision, as I would like any such installations to have the potential to be long term monitoring sites. Quite frankly, with the shift in the project schedule and the new orebody, it's just too early in the project siting process to know where to put them at this point in time. Once the wetland mapping is more complete, and the groundwater model is well defined, my team will be happy to sit down with you and pick out some sites that meet both your agency's objectives and our need for long term monitoring of groundwater levels in some of the major wetland systems in the project area.

Please call me if you have any questions. Meanwhile, we'll be looking forward to EPA's official comments on our work program and will do our best to incorporate their needs into our 2007 study plan.

Cheryl Moody
Three Parameters Plus, Inc.

-----Original Message-----

From: North.Phil@epamail.epa.gov [mailto:North.Phil@epamail.epa.gov]
Sent: Wednesday, March 08, 2006 5:13 PM
To: Cheryl Moody
Subject: Re: Pebble Wetland Shallow Groundwater Study

The "question" is simple: By wetland type, quantify the hydrologic functions of wetlands in the mine and road area.

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03/08/2006 02:24 PM cc
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<ellae@northerndynasty.com>,
"Mike S @ NDM"
<MichaelS@northerndynasty.com>
Subject
Pebble Wetland Shallow
Groundwater Study

Hi Phil --

Thanks for the heads up this morning. We had some brief team discussions about this issue via email today and the team feels strongly that we need to have specific questions to answer, so that we can formulate a study plan that methodically answers them.

So, my heads up to you would be that we would hope that EPA's comments on this issue will provide a concise list of questions that they want answered by this effort, so that we are not just out randomly collecting data and hoping that it generates something useful.

Does that sound reasonable? If not, let's get a conference call going soon with Mark Rains and Rod Smith.

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